

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	97	(neural adj network \$1) and ((frame\$1 near5 number\$1) same (train\$4 retrain \$4 re-train\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 10:56
L2	1	"5638487".pn. and (train\$4 same frame \$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 11:10
L10	0	"704".clas. and ((neural adj network \$1) same (skip\$4 near5 retrain\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 12:18
L11	0	"704".clas. and ((neural adj network \$1) same (skip\$4 near5 re-train\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 12:18
L12	0	"704".clas. and ((neural adj network \$1) same (skip\$4 near5 train\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 12:19
L13	14	"704".clas. and ((neural adj network \$1) and (skip\$4 near5 train\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 12:19
L14	1	"704".clas. and ((neural adj network \$1) and (skip\$4 near5 retrain\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 12:21
L15	1	"704".clas. and (neural adj network \$1) and (train\$4 with until with minimized)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 12:22
L16	0	"704".clas. and (neural adj network \$1) and (trertain\$4 with until with minimized)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 12:23

L17	0	"704".clas. and (neural adj network \$1) and (rerain\$4 with until with minimized)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 12:23
L18	0	"704".clas. and (neural adj network \$1) and (retrain\$4 with until with minimized)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 12:23
L19	0	"704".clas. and (neural adj network \$1) and (re-train\$4 with until with minimized)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 12:23
L20	2	"704".clas. and (neural adj network \$1) and (re-train\$4 with until)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 12:24
L21	1	"704".clas. and (neural adj network \$1) and (retrain\$4 with until)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 12:24
L22	98	"704".clas. and (neural adj network \$1) and (train\$4 with until)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 12:25
L23	1	"5638487".pn. and (length\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 12:47
L24	1	"5638487".pn. and (minim\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 12:49
L25	0	"704".clas. and (segment\$1 with minimum with interpolat\$4 with below)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 12:49
L26	1	"704".clas. and (minimum with interpolat\$4 with below)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 12:50

L27	3	"704".clas. and (minim\$4 with interpolat\$4 with below)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 12:50
L28	0	"704".clas. and ((minim\$4 with length \$1 with below) same interpolat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 12:51
L29	11	"704".clas. and ((minim\$4 with below) same interpolat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 12:52
L30	43	"704".clas. and ((threshold\$1 with below) same interpolat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 12:58
L31	0	"704".clas. and ((threshold\$1 with length with below) same interpolat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 12:59
L32	0	"704".clas. and ((threshold\$1 with length\$1 with below) same interpolat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 12:59
L33	55	"704".clas. and ((threshold\$1 with length\$1 with below))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 12:59
L34	8	"704".clas. and ((threshold\$1 with length\$1 with below)) and interpolat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 13:00
L35	1	"5689616".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 13:09
L36	2	"5689616".pn. "5924065".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 13:09
L37	0	"704".clas. and ("too short" with interpolat \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 13:17

L38	1	"704".clas. and ("too short" same interpolat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 13:18
L39	65	"704".clas. and ("too short" and interpolat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 13:18
L40	15	"704".clas. and ("too short" same (probabilit\$4 likelihood\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 13:25
L41	0	"704".clas. and ("too short" same (interpolat\$4 with (probabilit\$4 likelihood\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 13:54
L42	0	"704".clas. and (interpolat\$4 with decision\$1 with speech with silence)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 14:04
L43	0	"704".clas. and (interpolat\$4 with classif\$7 with speech with silence)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 14:04
L44	0	"704".clas. and (interpolat\$4 with classif\$7 with "voice activity")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 14:05
L45	14	"704".clas. and (interpolat\$4 with "voice activity")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 14:05
L46	311	"704".clas. and (voice adj activity) and interpolat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 14:09
L47	3	"704".clas. and (voice adj activity) and (interpolat\$4 near5 decision\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 14:10
L48	3	"704".clas. and (voice adj activity) and (interpolat\$4 near5 (probabilit\$4 likelihood\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 14:11

L49	77	"704".clas. and (interpolat\$4 near5 (probabilit\$4 likelihood \$1))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 14:16
L50	0	"704".clas. and ((interpolat\$4 near5 (probabilit\$4 likelihood \$1)) same ("too short" "too close"))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 14:16
S1	1	"6023688".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/05 16:28
S2	35	704/275.ccls. and (repeat\$4 with confirm\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/05 17:21
S3	45	((pulse adj position \$1) near5 codebook \$1) and (subframe\$1 near5 length\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/05 23:06
S4	1	"5701392".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/05 23:13
S5	1	"5701392".pn. and subframe\$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/05 23:16
S6	2	"704".clas. and (smaller adj codebook \$1) and ((subframe sub-frame) adj length)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/05 23:17
S7	2	"704".clas. and (smaller adj codebook \$1) and (pulse adj position\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/05 23:45
S8	2	(smaller adj codebook \$1) and (pulse adj position\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/05 23:48
S9	324	(codebook\$1) and (pulse adj position\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/05 23:51

S10	0	(codebook\$1) and ((pulse adj position \$1) near5 (every adj (second third fourth fifth)))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/05 23:51
S11	0	(codebook\$1) and ((pulse adj position \$1) near5 (every adj (other)))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/05 23:51
S12	0	(codebook\$1) and ((pulse adj position \$1) with (every adj (other)))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/05 23:52
S13	2	(codebook\$1) and ((pulse adj position \$1) with decimat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 00:00
S14	4	(neural adj network \$1) and (threshold\$1 near5 (nearest adj neighbor\$1)) and "704".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 14:48
S15	33	(neural adj network \$1) and (frames near5 distance\$1) and "704".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 14:53
S16	109	(neural adj network \$1) and (frames near5 distance\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 15:03
S17	76	((neural adj network \$1) and (frames near5 distance\$1)) not S15	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 15:03
S18	2	"704".clas. and (neural adj network \$1) and non-consecutive\$2	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 15:03
S19	71	"704".clas. and (neural adj network \$1) and (frames with threshold\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 15:05
S20	49	"704".clas. and (neural adj network \$1) and (frames with distance\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 15:19

S21	214	(neural adj network \$1) and (frames with distance\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 21:32
S22	21	(neural adj network \$1) same (frames with distance\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 21:32
S23	0	"704".clas. and (neural adj network \$1) and (sub-frames with distance\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 21:37
S24	0	"704".clas. and (neural adj network \$1) and (subframes with distance\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 21:37
S25	50	(neural adj network \$1) and (similarity near5 frames)\	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 21:39
S26	8	(neural adj network \$1) and (similarity near5 frames) and "704".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 21:39
S27	26	(neural adj network \$1) and (similar\$4 near5 frames) and "704".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 21:43
S28	127	((neural adj network \$1) same frames) and "704".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 21:45
S29	10	((neural adj network \$1) same frames) and "704".clas. and ((updat\$4 adapt\$4) with threshold\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 21:56
S30	66	((neural adj network \$1)) and "704".clas. and (frame\$1 near5 error\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 22:10
S31	3	((neural adj network \$1)) and "704".clas. and ((frame\$1 near5 error\$1) with (train\$4 re-train\$4 retrain\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 22:14

S32	387	((neural adj network \$1)) with (until with (train\$4 re-train\$4 retrain\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 22:18
S33	18	((((neural adj network \$1)) with (until with (train\$4 re-train\$4 retrain\$4)))) and "704".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 22:18
S34	10	((((neural adj network \$1)) with (until with (train\$4 re-train\$4 retrain\$4)))) and "704".clas. and frame \$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 22:29
S35	134	((neural adj network) with (iterat\$5 retrain \$4 re-train\$4 train \$4)) and (frame\$1 near5 (error\$1 distance\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 22:35
S36	45	((neural adj network) with (iterat\$5 retrain \$4 re-train\$4 train \$4)) and (frame\$1 near5 (error\$1 distance\$1)) and "704".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 22:37
S37	1	"5689616".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 22:53
S38	1	"5689616".pn. and (ANN neural)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 23:00
S39	109	(neural adj network \$1) and (nearest adj neighbor\$1) and "704".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 23:16
S40	18	((neural adj network \$1)) same (nearest adj neighbor\$1) and "704".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 23:23



S41	18	((neural adj network \$1)) same (nearest adj neighbor\$1)) and "704".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 23:23
S42	0	(neural adj network \$1) and "704".clas. and (adapt\$4 with weight\$1 with frame \$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 23:33
S43	5	(neural adj network \$1) and "704".clas. and (train\$4 with weight\$1 with frame \$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 23:33
S44	0	(neural adj network \$1) and "704".clas. and (re-train\$4 with weight\$1 with frame \$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 23:35
S45	0	(neural adj network \$1) and "704".clas. and (retrain\$4 with weight\$1 with frame \$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 23:35
S46	6	(neural adj network \$1) and "704".clas. and (retrain\$4 with weight\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/06 23:35
S47	3	(neural adj network \$1) and ((non-consecutive\$2 nonconsecutive\$2) near5 frames)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 00:06
S48	42	(neural adj network \$1) with skip\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 02:01
S49	55	(neural adj network \$1) and (skip\$4 near5 (train\$4 re-train \$4 retrain\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/02/07 02:05

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